

Freeform Search

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Search History

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*DB=USPT; PLUR=YES; OP=OR*1 [L26](#)[L26](#) '5200601'.pn.1 [L25](#)[L25](#) '5200601'.pn.*DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*28 [L24](#)[L24](#) 114 and 235/4926517 [L23](#)[L23](#) 235/492*DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR*1 [L22](#)[L22](#) L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")1 [L21](#)[L21](#) L5 and (telephony with interface or wireless with interface or wireline with communications with interface or "ir" or radio with frequency with interface or "rf")*DB=DWPI,TDBD; PLUR=YES; OP=OR*1 [L20](#)[L20](#) L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")*DB=EPAB,JPAB; PLUR=YES; OP=OR*

<u>L19</u>	L4 and (debit with cards or credit with cards or identification with cards or electronic with coupons or "ic card")	0	<u>L19</u>
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File: DWPI

Sep 28, 2006

DERWENT-ACC-NO: 2007-266047

DERWENT-WEEK: 200726

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TITLE: Secure data storage device equipped with usb flash memory and ic card, and method thereof

INVENTOR: CHEON, C H; CHO, C I

PATENT-ASSIGNEE: KOREA ELECTRONIC BANKING TECHNOLOGY CO (KOELN)

PRIORITY-DATA: 2005KR-0024353 (March 24, 2005)

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PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> KR 2006102584 A	September 28, 2006		000	G06F001/00

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
KR2006102584A	March 24, 2005	2005KR-0024353	

INT-CL (IPC): G06F 1/00; G06F 12/00

ABSTRACTED-PUB-NO: KR2006102584A

BASIC-ABSTRACT:

NOVELTY - A secure data storage device equipped with a USB(Universal Serial Bus) interface and a method thereof are provided to safely store data by combining a USB flash memory and an IC card, and offer functions of an electronic wallet, electronic cash, and a transportation card by combining the USB flash memory and the IC card, and adding an RF(Radio Frequency) transceiver.

DETAILED DESCRIPTION - A USB connector(210) receives the data through the USB interface. A controller(220) transfers the received data by determining a storage area for storing the received data according to information for fixing the storage area. The flash memory(230) stores the received data and is accessed without any authentication process. A security chip(240) stores the received data and is accessed through the authentication process. The RF transceiver(250) transmits the data stored in the security chip by loading the data to an RF signal and receives the data from an external RF device through the RF signal.

ABSTRACTED-PUB-NO: KR2006102584A

EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/1

DERWENT-CLASS: T01 T04 T05 U14 W02

EPI-CODES: T01-C01C; T01-C03C; T01-H01B3A; T01-H01B3D; T01-H01C2; T01-J12C1; T01-N01A1; T04-K03A; T05-H02C5C; T05-L01D; T05-L02; U14-A03; U14-A07; W02-C02G7;

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